



MANUFACTURING INDUSTRY

REAL-TIME INDUSTRY SUMMARY

MARCH 2021

2020 STATEWIDE LABOR ANALYSIS

The Manufacturing industry showed more than 40,000 online job postings in 2020 for top demand jobs. The top occupations were *Wholesale & Manufacturing Sales Representatives* and *Production Workers, All Other*, each making up 4 percent of total Missouri job postings for the time period.

The top five employers for 2020 were The Boeing Company, Bayer Corporation, Nestle USA Inc., and Burns & McDonnell.

TOP JOB POSTINGS

SOC Code	Description	Percent of total job postings	Average Annual Wage
----------	-------------	-------------------------------	---------------------

Now - requires short-term on-the-job training, little to no experience, and/or a high school diploma

53-7062	Laborers and Freight, Stock, and Material Movers	3.0%	\$32,020 ★
53-7051	Industrial Truck and Tractor Operators	2.6%	\$38,030
51-9198	Helpers--Production Workers	1.2%	\$30,550
43-4051	Customer Service Representatives	0.9%	\$35,910 ★
43-5081	Stock Clerks and Order Fillers	0.8%	\$28,820 ★

Next - requires a non-degree certificate, associate degree, apprenticeship, some experience, or moderate- to long-term training

41-4012	Sales Representatives, Wholesale and Manufacturing	4.0%	\$69,410 ★
51-9199	Production Workers, All Other	4.0%	\$32,050
51-1011	First-Line Superv. of Production & Operating Workers	2.0%	\$60,230
17-3029	Engineering Technicians, Except Drafters, All Other	1.9%	\$61,750
49-9071	Maintenance and Repair Workers, General	1.8%	\$39,740 ★

Later - requires a bachelor's degree or higher

15-1199	Computer Occupations, All Other	3.7%	\$81,730
15-1132	Software Developers, Applications	3.2%	\$92,510 ★
11-9199	Managers, All Other	3.2%	\$108,010
11-2022	Sales Managers	2.3%	\$135,360
17-2199	Engineers, All Other	1.8%	\$91,080

★ Denotes the top 10 occupations by total number of projected openings from 2018-2028 in Now, Next, and Later categories

EDUCATION AND TRAINING OPPORTUNITIES

Across the state there are numerous programs in many locations for training for occupations in the Manufacturing industry. Visit **MoSCORES**, Missouri's system linking program information and outcomes (employment, wage, credential rates) for traditional degree programs as well as noncredit credentials to find degree and certificate programs at an educational institution near you. In addition, there are 265 U.S. Department of Labor Registered Apprenticeship programs for Manufacturing occupations in Missouri. Visit **Apprenticeship Missouri** for more information.

TOP SKILLS & CERTIFICATIONS

TOP 10 BASIC SKILLS

Communication Skills
Teamwork / Collaboration
Problem Solving
Physical Abilities
Microsoft Excel
Organizational Skills
Detail-Oriented
Microsoft Office
Planning
Troubleshooting

Basic skills are the most numerous, found in the majority of job advertisements. Several soft skills such as communication, teamwork, and problem solving ranked in the top 10. Communication skills were found in one-third (33%) of total Manufacturing job postings.

TOP 10 SPECIALIZED SKILLS

Scheduling
Project Management
Repair
Budgeting
Sales
Customer Service
Forklift Operation
Packaging
Quality Assurance and Control
Chemistry

Top requested specialized skills included scheduling and project management.

TOP 10 SOFTWARE SKILLS

SAP
Software Development
Enterprise Resource Planning (ERP)
Software Engineering
AutoCAD
SQL
Python
Java
C++
Agile Development

Microsoft Office and its products such as Word, Excel, PowerPoint, and Access are the most requested software skills across all industries. Other skills requested in the Manufacturing industry include SAP, software development, and Enterprise Resource Planning (ERP).

TOP 10 CERTIFICATES

Driver's License
American Board for Engineering & Tech. (ABET)
Security Clearance
OSHA Forklift Certification
Project Management Certification
Commercial Driver's License
Certified Public Accountant (CPA)
Licensed Professional Engineer
Project Management Professional (PMP)
Six Sigma Certification

The top requested certificate was Driver's License, followed by American Board for Engineering and Technology (ABET) Accreditation.

Notes:
Burning Glass Technologies/Labor Insight, 2019 Bureau of Labor Statistics OES wages, 2018-2028 Employment Projections

This workforce product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the recipient and does not necessarily reflect the official position of the U.S. Department of Labor. The U.S. Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This product is copyrighted by the institution that created it. Internal use by an organization and/or personal use by an individual for non-commercial purposes is permissible. All other uses require the prior authorization of the copyright owner.